ABSTRACT OF THE DISCLOSURE

　　　　In the motion picture data converter, an MPEG-2 decoding unit decodes motion picture data in an MPEG-2 format into motion picture data in a non-compressed format, a motion

5　　vector extraction unit extracts motion vector information from the motion picture data being decoded in said MPEG-2 decoding unit, a motion compensation unit generates the motion vector information in the MPEG-4 format, by causing the extracted motion vector information to be reflected in

10　　the motion compensation processing for the MPEG-4 format, and executes the motion compensation processing based on the motion vector information, and an MPEG-4 encoding unit encodes motion picture data in the MPEG-4 format, using the motion compensation processed data and the motion picture

15　　data in the non-compressed format.

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